THE JOURNAL OF NUCLEAR MEDICINE AND ALLIED SCIENCES

(founded in 1957 as **Minerva Nucleare** and continued as **The Journal of Nuclear Biology and Medicine**)

Organ of the Italian Society for Nuclear Biology and Medicine (SIBMN)

Volume 23 - 1979

INDEX OF PAPERS - SUBJECTS INDEX

INDEX OF AUTHORS

EDIZIONI MINERVA MEDICA TORINO

SUBJECT INDEX

Assessment of the Regional Arm-Brain Mean Transit Time as an Adjunt to the Scintigraphic Diagnosis, by A. Bartolini, E. Di Pede, C. Gandolfo . . . . . pp. 1

A Combined Doppler-ECG System for Recording Fetal Systolic Time Interval, by L. Landini, A. Zacutti, E. Righi and E. Bernardi . . . . . » 5

Urinary Excretion and Metabolism of Triiodothyronine in Euthyroid Subjects, by G. Fresco, G. Curti, A. Biggi and B. Fontana . . . . . » 15

Measurement of (H_4) Lactate Dehydrogenase: a Comparative Evaluation of Radioimmunoassay and Enzymatic Tests, by R. Malvano, G. C. Zucchelli, G. Buzzigoli, S. Masini, A. Clerico, C. Boni and M. Scarlattini . . . . . » 19

Radioimmunoassay of 3,5′,5′-Triiodothyronine (Reverse-T_3) in Unextracted Serum: Concentrations in Peripheral Vein in Normal, Altered Thyroid Economy, after TRH Injection and in Thyroid Vein, by E. Roti, G. Robuschi, P. Bandini, R. Emanuele and A. Gnudi . . . . . » 25

Assessment of Sequential Scintigraphy, Rapid Sequence Pyelography and Renography in the Screening for Renovascular Hypertension, by C. Bianchi, C. Donadio, G. Tramonti, A. Calderazzi, E. Camerini and P. L. Michelassi . . . . » 31

Validity and Limitations of the Echocardiographic Method for Measuring Left Ventricular Volumes: Comparison with the Angiocardiographic Method and with the Ventricular Wash-Out Curves, by M. Mariani, A. Balbarini, A. Barsotti, R. Mariotti, G. Gherarducci and A. Dalle Luche . . . . . » 35

^{99m}Tc-Pyrophosphate Muscle Uptake in Four Siblings with Becker's Disease, by C. Giraldi, G. Mariani, N. Molea, B. Rossi and L. Picchi . . . . . » 45

Increased Permeability of the Microcirculation to High Molecular Weight Dextran in Experimental Diabetes, Shown by Intravital Microfluorimetry, by A. Colantuoni, P. G. Berardi and G. Orefice . . . . . » 49

Inverse Relationship between Angiotensin II Blood Clearance Rate and PRA Levels in Hypertensive Patients, by L. Donato and A. Carpi . . . . . » 55

Hemiagenesis of the Thyroid: Report and Comments on One Case, by M. G. Toni, N. Molea, L. Bononi, A. L'Abbate, R. Bianchi and G. Mariani . . . . . » 61

Computer Analysis of Radiocardiograms by Means of a Statistical Model, by M. Baroni, G. Valli and M. Mariani . . . . . » 71

Myocardial Scintigraphy after Intracoronary Injection of Labelled Albumin Microspheres, by F. Banfi, L. Campolo, F. Casolo and F. Spinelli . . . . . » 79

Determination of Extravascular Lung Water by Dilution Method. I. Theoretical Considerations, by C. Giuntini and F. Fazio . . . . . » 85

Determination of Extravascular Lung Water by Dilution Method. II. Technique and Results in Dog and Man, by F. Fazio and C. Giuntini . . . . . » 97

Validity and Limitations of Echocardiography for the Diagnosis of Discrete Subaortic Stenosis Associated with Marked Left Ventricular Muscular Hypertrophy, by M. Mariani, S. Giusti, A. Balbarini and Ch. Dubost . . . . . » 109

Patterns of Deposition of Labelled Monodispersed Aerosols in Obstructive Lung Disease, by A. Santolicandro and C. Giuntini . . . . . » 115

A Buffered Video Interface for Cardiac Imaging, by A. Benassi, R. Francesconi, L. Landini and G. Valli . . . . . » 129

Flow-Orientated Circulatory Patients Assessment and Management Using Transcutaneous Aortovelography, a Non-Invasive Doppler Technique, by L. H. Light, R. F. Sequeira, G. Cross, A. Bilton and G. C. Hanson . . . . . » 137

Multiple Radioimmunological Determinations of Free (Diffusible) Steroid Hormones (Cortisol, Progesterone, 17alpha OH-progesterone and Estradiol) in the Same Plasma Dialyzate after Equilibrium Dialysis, by A. Clerico, M. G. Del Chicca, M. Ferdeghini and G. Mariani . . . . . » 145

Serum Myoglobin and « Cardiac » Specific Isoenzymes in a Case of Polymyositis, S. Bombardieri, A. Clerico, G. Buzzigoli, M. G. Del Chicca, C. Boni, S. Masini and G. C. Zucchelli . . . . . » 149

Scintigraphic and Angiographic Findings in a Peduncular Trabecular Adenocarcinoma of the Liver, by N. Molea, M. G. Toni, G. Gori P. Marino, L. Servadio, R. Bianchi and G. Mariani . . . . . » 153

The Uptake of ^{201}Tl in Normal and Transformed Thyroid Cell Lines, by S. Venuta, R. Ferraiuolo, G. Morrone, F. S. Ambesi-Impiombato, L. Mansi and M. Salvatore . . . . . » 163

Uneven Myocardial Glucose Utilization as Determined by Regional ^{14}C-Deoxyglucose Uptake, by A L'Abbate, P. Camici, M. G. Trivella, G. Pelosi, L. Taddei, G. Valli, G. F. Placidi . . . . . » 167

A Liquid Crystal-Fiberoptic Catheter for Blood Flow Measurements by Thermodilution, by P. Dario, D. De Rossi, A. Riva, A. Benassi and A. L'Abbate . . . . » 173

Abstracts of the Communications Presented at the XVII National Congress of the Italian Society of Nuclear Biology and Medicine, Florence, May 24-26, 1979 . . . . . » 179

Diffuse Pulmonary Calcification in Uremia: Report of a Case Detected by Bone Scanning, by D. Casara, M. Bertoli, A. Naso and A. Menghello . . . . . » 231

Circadian Variations of Serum Myoglobin in Healthy Subjects, by A. Clerico, S. Bombardieri, M. G. Del Chicca and L. Riente . . . . . » 233

INDEX OF PAPERS

A

Abdominal aorta
— angioscintigraphy as an emergency, 199.

Adenocarcinoma of the liver
— scintigraphic and angiographic findings, 159.

Adrenal neoplasms
— role of ^{131}I-19-iodocholesterol, 226.

Albumin millimicrospheres
— liver and spleen uptake, 194.

Angiocardioscintigraphy
— analogic and digital elaboration, 179.

Angiocardioscintigrams
— automatic analysis, 229.

Angioscintigraphy
— of abdominal aorta as an emergency, 199.

Angiotensin II blood clearance rate
— and PRA in hypertension, 55.

Anovulatory states
— RIA evaluation after LHRH stimulus, 209.

Antithyroglobulin antibodies
— comparative evaluation, 216

Artovelography
— a noninvasive Doppler technique, 137.

B

Becker's disease
— muscle uptake of ^{99m}Tc-pyrophosphate, 45.

Beta-thromboglobulin
— levels in myeloproliferative diseases, 193.

Bone
— metabolism of calcium, 221.
— metastases detected by ^{67}Ga, 205.
— scanning detection of diffuse pulmonary calcifications, 231.
— scintigraphy in mammary carcinoma, 222.
— scintigraphy in renal osteodystrophy and transplantation, 223.
— scintigraphy in staging of mammary carcinoma, 213.
— scintigraphy in staging of prostatic carcinoma, 193.

Brain
— studied by single computerized emission tomography, 204.
— experience with an emission transaxial scanner, 202.

Bronchial carcinoma
— regional ventilation and perfusion after radiother., 203.

C

^{14}C-Deoxyglucose
— regional myocardial uptake 167, 212.

Calcium
— bone metabolism, 221.

Carcinoembryonic antigen
— in neoplastic diseases, 226.
— monitoring in colorectal cancer patients, 217.
— significance in thyroid cancer, 215.

Cardiac function
— by synchronized scintigraphy and radiocardiography, 210.

Cardiac isoenzymes
— and myoglobin in polymyositis, 149.

Catecholamines
— measurement by a radioenzymatic method, 216.

Cerebral metastases
— comparison of scintigraphy and CT, 217.

Chemiluminescence monitoring
— in progesterone immunoassay, 211.

Circadian variation
— of myoglobin, 233.

Compartmental theory
— theoretical problems, 196.

Compton scattering tomography
— in lung study, 210.

Computerized sequential renal scintigraphy
— renal perfusion study, 207.

Coronary blood flow
— derived from Xenon wash-out curves, 212.

Cyclic nucleotides
— RIA in oncology, 208.

D

Data acquisition from gammacamera
— a new system, 182.

Decomposition functions
— in compartmental theory, 196.

Dextran
— increased permeability in exptl. diabetes, 49.

Diabetes
— increased permeability of microcirculation, 49.
— plasma renin activity and orthostatic hypotension, 189.

Diabetic inheritance
— discriminant analysis of glucose and insulin curves, 210.

Digestive tract, upper
— use of ^{99m}Tc-HIDA, 227.

Digoxin
— predictive value of kinetics, 226.

Doppler-ECG system
— for fetal systolic time intervals, 5.

Dosimetric problems
— in radioimmunology, 197.

E

Echocardiography
— in diagnosis of discrete subaortic stenosis, 109.
— in measuring left ventricular volumes, 35.

Ejection fraction
— right and left in ischemic heart disease, 193.

Emission transaxial scanner
— for brain imaging, 202.

Entropy exchange
— as source of biomolecular asymmetry, 195.

Environment monitoring
— in radioimmunological techniques, 187.

Extravascular lung water
— determination by dilution method, 85, 97.

F

Femural head
— functional scintigraphy in renal transplantation, 226.

Ferritin
— levels in lymphomas, 181.
— RIA in neoplastic diseases, 225.
— serum levels, 180.

Fetal systolic time intervals
— by Doppler-ECG system, 5.

Fibrinogen labelled
— distribution in osteosarcoma, 192.

Fibrinogen
— a technique of labelling with ^{99m}Tc, 192.

Filtration fraction
— in patients with unilateral kidney disease, 183.

Free hormones
— multiple RIA determination, 145.
— in the evaluation of thyroid function, 213.
— in autonomous thyroid nodules, 186.
— after excision of autonomous nodules, 190.
— pituitary feedback in autonomous adenoma, 201.

Free thyroxine assay
— in the evaluation of thyroid function, 213.

Free thyroxine determination
— clinical and methodological validity, 209.

Free thyroxine
— in abnormal TBG concentration states, 191.

G

^{67}Ga-citrate
— for detection of bone metastases, 205.
— in staging of Hodgkin's disease, 191.
— scanning in thoracic neoplasms, 222.

Generator
— ^{81}Rb-^{81m}Kr, 185.

Glucose curves
— discriminant analysis in diabetic inheritance, 210.

H

H_t-lactate dehydrogenase
— comparative evaluation, 19.

Hemiagenesis
— of the thyroid, 61.

Hepatic hilus
— evaluated by ^{99m}Tc-HIDA and ultrasound, 221.

Hepatobiliary scintigraphy
— after biliary duct surgery, 195.

Hepatobiliary
— dynamic scintigraphy with ^{99m}Tc-diethyl-HIDA, 225.
— function and ^{99m}Tc-diethyl-HIDA kinetics, 223.

Hodgkin's disease
— staging by the use of ^{67}Ga-citrate, 191.

Human serum albumin
— comparison of ^{99m}Tc labelling methods, 215.

Hypothalamic-pituitary-thyroid axis
— in thalassemia major, 202.

I

^{125}I-fibrinogen
— comparison with ^{99m}Tc-plasmin in vein thrombosis, 202.

^{131}I bengal
— kinetics in liver disease, 208.

^{131}I-19-iodocholesterol
— in adrenal neoplasms, 226.

^{131}I-hippuran
— compared to ^{99m}Tc-gluconate in radionephrography, 188.

Insulin curves
— discriminant analysis in diabetic inheritance, 210.

Insulin metabolism
— tracer study in resistance states, 219.

Internal radiation dose
— a software package for evaluation, 182.

Intestinal absorption
— of ^{32}P-phosphate effect of 25-OHD3, 228.

Intrahepatic cholestasis
— combined diagnostic approach, 179.

K

^{42}K
— entropy exchange as source of biomolecular asymmetry, 195.

Kinetics
— of digoxin in man, 226.

^{81m}Kr ventilation
— and ^{99m}Tc perfusion in acute lung disease, 204.

L

LHRH stimulus
— RIA evaluation in anovulatory states, 209.

Liquid crystal-fiberoptic catheter
— for blood flow measurement, 173.

Liver disease
— kinetics of ^{131}I-bengal, 208.

Liver
— surface area correlated with anthropometric parameters, 200.

Lung
— studied by 90° Compton scattering tomography, 210.

Lymphomas
— serum ferritin levels, 181.

M

Mammary carcinoma
— and steroid receptors, 218.
— staging by bone scintigraphy, 213.
— standardization of steroid receptors assay, 222.
— use of bone scintigraphy, 213.

Mammary concentration of radioiodine
— after thyroidectomy, 181.

Mass fragmentography
— comparison with RIA, 194.

Mean transit times
— of carotido-cerebral circulation, 230.

Montecarlo method
— for determination of NaI(Tl) crystal efficiency, 206.

Mucociliary clearance
— recording in obstructive lung disease, 204.

Myeloproliferative diseases
— levels of beta-thromboglobulin, 193.

Myocardial glucose utilization
— and ^{14}C-deoxyglucose uptake, 167, 212.

Myocardial infarction
— myoglobinemia by RIA, 220.
— comparison between ^{201}Tl and other findings, 227.

Myocardial kinetics
— of thallium and potassium, 183.

Myocardial regional perfusion
— with ^{201}Tl after effort, 194.

Myocardial scintigraphy
— after injection of albumin microspheres, 79.
— with ^{201}Tl after effort, 194.

Myoglobin
— in myocardial infarction, 220.
— and cardiac isoenzymes in polymyositis, 149.
— circadian variations, 233.
— clinical value of serum assay, 187.
— methodological aspects of RIA, 180.

N

NaI(Tl)crystal
— efficiency determined by Montecarlo method, 206.

O

Osteosarcoma
— distribution of radio-fibrinogen, 192.

P

p-N-butyl-HIDA
— compartmental analysis, 189.

^{32}P-phosphate
— intestinal absorption in liver and renal diseases, 228.
— treatment of polycitemia vera, 228.

Pacemaker patients
— isotopic venogram and venous circulation, 200.

Parathormone
— RIA in primary hyperparathyroidism, 217.

Permeability
— increased in experimental diabetes, 49.

Polycitemia vera
— treated with ^{32}P-phosphate, 228.

Potassium
— myocardial kinetics, 183.

PRA
— and angiotensin II clearance rate in hypertension, 55.
— and orthostatic hypotension in diabetes, 189.
— determined by angiotensin I trapping, 228.

Progesterone
— immunoassay monitored by chemiluminescence, 211.

Prostatic carcinoma
— stating with bone scintigraphy, 193.

Pulmonary calcifications, diffuse
— detected by bone scanning, 231.

R

Radiation monitoring
— in RIA procedures, 218.

Radioaerosols
— patterns of deposition in obstructive lung disease, 115.

Radiocardiography
— computer analysis, 71.

Radioenzymatic method
— measurement of catecholamines, 216.

Radioimmunology
— dosimetric and normative problems, 197.

Radioiodine
— mammary concentration after thyroidectomy, 181.

Radionephrography
— by ^{99m}Tc-gluconate and ^{131}I-hippuran, 188.

Radionuclide purity
— determined by gamma-spectroscopy, 206.

^{81}Rb-^{81m}Kr generators
— production and use, 185.

Receptors steroid
— in mammary carcinoma, 218.
— assay in mammary carcinoma, 222.

Regional arm-brain mean transit time
— determination, 1.

Regional myocardial perfusion
— in angina with ^{201}Tl, 221.

Regional ventilation and perfusion
— after radiotherapy in bronchial carcinoma, 203.
— by means of radio-Xenon, 203.
— related to gas-exchange, 207.

Renal masses
— diagnosis with renal sequential scintigraphy, 219.

Renal osteodystrophy and transplantation
— and bone scintigraphy, 223.

Renal perfusion
— by computerized sequential renal scintigraphy, 207.

Renal scintigraphy
— quantitative evaluation of kidney damage, 186.

Renal sequential scintigraphy
— in diagnosis of renal masses, 219.

Renal transplantation
— and femural head scintigraphy, 226.

Renography
— in renovascular hypertension, 31, 184.

Reverse T3
— RIA in unextracted serum, 25.

RIA
— comparison with mass-fragmentography, 194.
— of cyclic nucleotides in oncology, 208.
— of ferritin in neoplastic diseases, 225.
— of parathormone in primary hyperparathyroidism, 217.
— of proteins, quality assessment and control, 211.
— of vasopressin in urine, 198.
— perspectives, 213.
— recent and future trends, 201.

S

Salivary glands
— morphological and dynamic studies, 199.

Sequential renal scintigraphy
— in renovascular hypertension, 31, 184.

Single computerized emission tomography
— for brain blood flow study, 204.

Storage of technical data in nuclear medicine
— an automatic system, 188.

Systolic time intervals
— fetal, 5.

T

TBG abnormal levels
— and circulating free thyroxine, 191.

^{99m}Tc perfusion
— and ^{81m}Kr ventilation in acute lung disease, 204.

^{99m}Tc-diethyl-HIDA
— dynamic hepatobiliary scintigraphy, 225.
— kinetics and hepatobiliary function, 223.

^{99m}Tc-fibrinogen
— a technique of labelling, 192.

^{99m}Tc-gluconate
— compared to ^{131}I-hippuran in radionephrography, 188.
— in follow-up of tumors of head and neck, 180.

^{99m}Tc-HIDA
— and ultrasound in evaluation of hepatic hilus, 221.
— sequential scintigraphy in bilio-digestive derivation, 216.
— use in upper digestive tract, 227.

^{99m}Tc-human serum albumin
— comparison of labelling methods, 215.

^{99m}Tc-millimicrospheres
— liver and spleen uptake, 194.

^{99m}Tc-p-butyl-IDA
— preparation, 214.

^{99m}Tc-plasmin
— comparison with ^{125}I-fibrinogen in vein thrombosis, 202.

^{99m}Tc-pyrophosphate
— muscle uptake in Becker's disease, 45.
— muscle uptake in neuromuscolar diseases, 186.

Thalassemia major
— hypothalamic-pituitary-thyroid axis, 202.

Thermodilution method
— using a liquid crystal-fiberoptic catheter, 173.

Thyroid
— carcinoma associated with hyperfunctioning adenoma, 187.
— circulating hormones after excision of autonomous nodule, 190.
— free hormones and pituitary feedback in autonomous adenoma, 201.
— function evaluated by free-thyroxime, 213.
— hemiagenesis, 61.
— hyperfunctioning nodule scintigraphy after TRH stimulation, 198.
— methymazole induced activation of TSH, 190.
— neoplasms and discontinuation of substitutive therapy, 181.
— significance of carcinoembryonic antigen in cancer, 215.
— TRH test in goiter and hot nodules, 224.
— use of radiothallium in cold nodule, 220.

^{201}Tl
— comparison with ECG and arteriography, 227.
— myocardial kinetics,
— myocardial scintigraphy after effort, 194.
— regional myocardial perfusion in angina, 221.
— stress scintigraphy in acute myocardial ischemia, 224.
— uptake in thyroid cell lines, 163, 212.
— used in thyroid cold nodule, 220.

TRH stimulation
— and hyperfunctioning nodule scintigraphy, 198.

TRH test
— in goiter and hot nodules, 224.

Triiodothyronine
— urinary excretion and metabolism, 15.
— deiodination rate in the normal, 184.

TSH
— methimazole induced activation in autonomous nodules, 190.

U

Ultrasound
— and ^{99m}Tc-HIDA in evaluation of hepatic hilus, 221.

Unilateral kidney damage
— evaluated by quantitative renal scintigraphy, 186.

Uremia
— and diffuse pulmonary calcifications, 231.

Uremic osteodystrophy
— histological and scintigraphic correlations, 189.

V

Vasopressin
— RIA in urine, 198.

Venogram isotopic
— in pacemaker patients, 200.

Ventricular function
— assessment by radioangiocardiography, 185.

Ventriculography isotopic
— and liquoral flow in myelomeningocele, 214.

Video interface
— for cardiac imaging, 129.

X

^{133}Xe
— regional ventilation and perfusion in lung disease, 203.
— wash-out curves in coronary blood flow determination, 212.

INDEX OF AUTHORS

Albano, T., 194.
Alcidi, L., 179, 229.
Allan, A., 202.
Allegra, L., 204.
Ambesi Impiombato, F. S., 163, 229.
Ambrosio, A., 214.
Amici, F., 179.
Anti, M., 208.
Antonelli, R., 183.
Antonini, M., 194.
Aprile, C., 180, 203.
Armanini, D., 198.
Arras, M. L., 215.
Arveda, A., 180.
Arzano, S., 213.
Assone, F., 214, 215.
Avogaro, F., 192.

Baccini, C., 180.
Balbarini, A., 35, 109.
Baldari, S., 186.
Ballestra, A. M., 212.
Bandini, P., 25.
Banfi, F., 79.
Barba, A., 221.
Barletta, G. A., 185, 229.
Baroni, M., 71.
Barseti, G., 189.
Barsotti, A., 35.
Bartolini, A., 1.
Baschieri, I., 181.
Bassi, L., 200, 210.
Bellanova, B., 207.
Bellesi, G., 181.
Bellina, C. R., 182.
Beltranello, A., 217.
Benassi, A., 129, 173, 182.
Bencivelli, F., 180, 182, 221, 227.
Benzi, L., 219.
Berardi, P. G., 49.
Bernardi, E., 5.
Bernardo, G., 180.
Bertolazzi, L., 224.
Bertoli, M., 231.
Betti, E., 224.
Biader Ceipidor, C., 226.
Biagini, A., 183.
Biagini, C., 191.
Bianchi, C., 31, 183, 184, 186, 189.
Bianchi, E., 226.
Bianchi, R., 61, 153, 184, 190, 191.
Biasia, R., 194.
Biggi, A., 15.
Bilton, A., 137.
Binaghi, G., 193.
Birattari, C., 185.
Bisi, G., 185, 229.
Bobba, F., 194.
Bogulaski, R. C., 211.
Bombardieri, S., 149, 233.
Bonadio, M., 183, 186.
Bonaguidi, F., 217.
Bonanno, N., 186.
Boni, C., 19, 149.
Bononi, L., 61.
Borsato, N., 205.
Borsotti, M., 187.
Boscarini, M., 193.
Bottinelli, G., 199, 200, 210.
Brocchi, A., 187, 218.
Brossa, C., 226.
Brunori, I., 209.
Bui, F., 187, 188, 228.
Busilacchi, P., 179.
Busnardo, B., 187.
Buzzigoli, G., 19, 149.
Cabassa, N., 188, 189.
Calbiani, B., 227.
Calderazzi, A., 31, 184.
Camerini, E., 31, 184.
Camici, P., 167, 212.
Campolo, L., 79.
Camuzzini, G., 189.
Cantalupi, D., 228.
Cappelli, G., 225.
Cappellini, M., 222.
Caputo, V., 189.
Carena, M., 180.
Carlesino, M., 226.
Carmellini, M., 217.
Carpi, A., 55, 184, 190, 191.
Cartei, G., 192.
Casamassima, F., 191.
Casara, D., 187, 192, 193, 231.
Casetti T., 180.
Casolo, F., 79.
Casprini, P., 193.
Castagnoli, A., 222.
Casucci, R., 193, 201.
Cattabeni, F., 194.
Cavaciocchi, A., 209, 213.
Centi Colella, A., 223.
Cerritto, A., 186.
Chieruzzi Pazzaglia, A., 213.
Chischi, R., 209.
Ciambellotti, E., 194, 195.
Cianci, G., 179.
Ciatti, S., 181.
Cimitan, M., 187.
Cinacchi, P., 182.
Claudiani, F., 224.
Clerico, A., 19, 145, 149, 233.
Coghetto, F., 220.
Colantuoni, A., 49.
Collice, M., 204.
Conte, E., 195, 196.
Conte, L. 197, 221.

Conte, N., 205.
Contini, C., 200.
Corazzola, R., 188.
Corsini, M., 192.
Cosciani Cunico, S., 193.
Costa, S., 192.
Costanza, C., 215.
Cotronei, T., 183.
Criscuolo, T., 202.
Curti, G., 15.
Curzi, N., 213.
Cuzzoni, Q., 180.

D'Agostino, D., 198.
D'Alberto, M., 226.
D'Erasmo, E., 217.
D'Imporzano, O., 222.
D'Onofrio, F., 190, 191, 225.
Dalle Luche, A., 35, 209, 210.
Daniele, A., 189.
Dario, P., 173.
Davies, G., 227.
De Angelis, A., 189.
De Giambattista, S., 199.
De Martinis, C., 185.
De Rossi, D., 173.
De Rossi, G., 199, 218.
Deacon, J. M., 202.
Degli Esposti, E., 228.
Del Chicca, M. G., 145, 149, 233.
Del Corso, L., 184, 190, 191.
Del Gatto, L., 198.
Della Corte, M., 187.
Della Siega, M., 220.
Dettori, G., 215.
Di Lorenzo, I., 199, 200, 210.
Di Pede, E., 1.
Di Ricco, G., 200.
Di Toma, C., 193, 201.
Dini, L., 179.
Docimo, R., 225.
Donadio, C., 31, 183, 184.
Donato, L., 55.
Dubost, C., 109.

Ekins, R., 201.
Ell, P. J. 202.
Emanuele, R., 25.
Emiliani, G., 180.

Faggiano, M., 202.
Falappa, P., 226.
Falchi, E., 182.
Fanfani, G., 196.
Favino, A., 180, 203.
Fazio, F., 85, 97, 185, 203, 204.
Fazzi, P., 207.
Fedeli, L., 220, 221.
Ferdeghini, M., 145.
Ferlin, G., 205.
Ferraiuolo, R., 163, 229.
Ferrannini, E., 219.
Fieschi, C., 204.
Fioretti, P., 205.
Flore, F., 205.
Focacci, C., 199, 208.
Fontana, B., 15.
Formica, R., 209, 213.
Formiconi, A., 206.
Fornai, E., 207.
Francesconi, R., 129.
Franchi, R., 190, 191.
Franconi, A., 190, 191.
Frediani, M., 222.
Fresco, G., 15.
Frisina, N., 186.
Fumero, S., 222.
Fusaroli, M., 180.

Gabrielli, G., 225.
Gaita, F., 226.
Galeazzi, R., 179.
Galli, G., 208, 226.
Gandolfo, C., 1.
Gasparoni, P., 205.
Gastaldi, L., 223.
Gennari, C., 208.
Gherarducci, G., 35.
Gheri, R., 209, 213.
Giacco, G., 223.
Giampietro, O., 209, 210, 219.
Giannessi, D., 184.
Giorgetti, P., 216, 217.
Giraldi, C., 45.
Girelli, M. E., 187.
Giubbini, R., 193, 201.
Giuliani, B., 180, 190.
Giuntini, C., 85, 97, 115, 200, 204, 207, 210.
Giuseppetti, G. M., 179.
Giusti, S., 109.
Gnudi, A., 25.
Gobbi, G., 200, 210.
Gori, C., 153, 187, 206.
Grassi, A., 181.
Grignani, F., 213.
Grimani, A., 213.
Grono, S., 202.
Gross, G., 137.
Grossi, A., 193, 225.
Guzzardi, R., 182, 210.

Hanson, G. C., 137.
Hunter, W. M., 211.

Iervasi, G., 190, 191.

Jarritt, P., 202.
Jon, G., 194.
Kim, J. B., 211.
Kohen, M., 211.

L'Abbate, A., 61, 167, 173, 183, 212.
La Cava, G., 185, 229.
Landini, L., 5, 129.
Landon, J., 213.
Langer, M., 215.
Legnaioli, M., 209, 213.
Lenzi, A., 216, 219.
Levanti, C., 190, 191.
Liberati, A. M., 213.
Light, L. H., 137.
Liguori, G., 214.
Lima, G., 181.
Lindner, H. R., 211.
Lunghi, F., 214. 215.

Macrì, C., 188, 228.
Madeddu, G., 215.
Maffettone, F., 225.
Maini, C. L., 199.
Malaguti Aliberti, L., 217.
Malfanti, P. L., 185, 229.
Malvano, R., 19.
Mancini, D., 217.
Maneschi, F., 219.
Mango, M., 216.
Mannelli, M., 216.
Mansi, L., 163.
Mantero, F., 198.
Marabini, A., 216, 217.
Marcucci, G., 181, 193.
Mariani, G., 45, 61, 145, 153, 184, 217.

Mariani, M., 35, 71, 109.
Marini, C., 200, 222.
Marino, P., 153.
Mariotti, R., 35.
Martini, G., 228.
Martino, F., 226.
Martinotti, R., 203.
Marzilli, M., 212.
Maseri, A., 221, 224, 227.
Masi, R., 230.
Masini, S., 19, 149.
Mastrobuoni, A., 202.
Matteucci, E., 219.
Maussier, M. L., 226.
Mazzei, T., 218.
Mazzotti, A., 180.
Mazzuoli, G., 217.
Meneghello, A., 231.
Mennuti, A., 229.
Messeri, G., 218.
Messina, C., 186.
Mey, M., 210.
Michelassi, C., 183, 212, 221, 224.
Michelassi, P., 31, 184.
Mini, E., 218.
Miniati, M., 204.
Minisola, S., 217.
Moggi, G., 209.
Molea, N., 45, 61, 153, 184, 217.
Monetti, N., 207.
Montesanti, M. I., 199, 218.
Montesi, A., 179.
Montini, G., 188.
Morfini, M., 193.
Morgagni, C., 180.
Morini, D., 188.
Morrone, G., 163.
Mosca, R., 214.
Moscato, G., 203.
Moschini, C., 227.
Musazzi, R., 219.
Musumeci, S., 219.
Muto, P., 214.

Nardini, M., 204.
Naso, A., 231.
Navalesi, R., 210, 219.
Neumair, F., 189.
Nicoli, M., 216.
Nicolini, A., 190, 191.
Olivetti, D., 216.
Orefice, G., 49.

Pacini, P., 191.
Palagi, B., 225.
Palazzi, M., 217.
Palermo, F., 220.
Palla, A., 207, 222.
Palmieri, A., 214.
Palumbo, R., 220, 221, 226.
Panzera, F., 225.
Paoletti, P., 207.
Papaleo, G., 202.
Parodi, O., 221, 224, 227.
Pau, F., 205.
Pauletti, M., 200.
Pavone, P., 198.
Pavoni, P., 216.
Pazzagli, M., 211.
Pearce, P. C., 202.
Pedini, F., 198.
Pedroli, G., 193, 221.
Pelizzola, D. 222.
Pelosi G., 167, 212.
Pelosini, M., 190.
Perelli, R., 205.
Perini, S., 217.
Perissinotto, A., 207.
Pesciullesi, E., 185, 204, 230.
Picchi, L., 45.
Picozzi, R., 225.
Pieralice, M., 195, 196.
Piffanelli, A., 222.
Pigorini, F., 205.
Pili, G., 189.
Pilo, A., 184, 219.
Pinto, A., 213.
Pisano, G., 202.
Pistelli, G., 222.
Pistolesi, M., 210, 222.
Pitucco, G., 189.
Pizzi, G. B., 192.
Placidi, G. F., 167.
Polico, C., 193.
Possa, M., 185, 204.
Puntoni, R., 207.
Pupi, A., 191, 222.
Puricelli, G., 219.

Randazzo, M., 224.
Ranieri, S., 180.
Rapisardi, L., 193, 221.
Rascente, G., 198.
Reforgiato Recupero, V., 219.
Repetto, S., 193.
Ricci, L., 222.
Riegler, P., 189.
Riente, L., 233.
Righi, E., 5.
Riva, A., 173, 182.
Robuschi, G., 25.
Robustelli Della Cuna, G., 180.
Rocca, C., 219.
Roncari, G., 193, 221, 223.
Ronga, G., 181.
Rossi, B., 45.
Roti, E., 25.
Rupolo, G. P., 228.

Saitta, B., 220.
Salvadori, M., 182, 163, 214, 229.
Santeusanio, E., 216, 217.
Santolicandro, A., 115, 207.
Santoni, R., 222.
Sardano, G., 181.
Scandellari, C., 228.
Scapoli, A., 222.
Scarda, A., 217.
Scarlattini, M., 19.
Sciortino, R., 216.
Scopinaro, F., 223, 224.
Segre, G., 226.
Semprebene, L., 205.
Sequeira, R. F., 137.
Serio, M., 216.
Servadio, L., 153.
Severi, S., 221, 224, 227.
Simonini, N., 209.
Sinisi, A. A., 202.
Solfanelli, S., 200, 207, 222.
Spinelli, F., 79, 204.
Spotti, M., 209, 213.

Taddei, I., 167, 191, 212.
Tallarigo, L., 219.
Tarchi, R., 229.
Tarolo, G. L., 225.
Tesauro, P., 225.
Tiberio, M., 220.
Tommasi, M., 181, 225.
Tommasi, M. S., 206, 218.
Toni, M. G., 61,153, 184, 217.
Toraldo, P., 220, 221, 226.
Torta, D., 194.
Tortoli, V., 229.
Tozzi, P., 187.
Tramonti, G., 31, 183, 184.
Trivella, M. G., 167, 212.
Trodella, L., 226.

Troncone, L., 208, 226.
Tumiotto, G., 180.
Turco, G. L., 226.

Ugolotti, G., 227.
Uthurralt, N., 221, 224, 227.

Valcarenghi, L., 205
Valentini, M., 195.
Valli, G., 71, 129, 167.
Varotto, L., 188, 228.
Vattimo, A., 228.
Vecchi, F., 228.
Venuta, S., 163, 229.
Vignoni, A., 223.
Villa, M., 214, 215.
Villavecchia, G. P., 224.
Viola, S., 229.
Violet, M., 215.
Vita, G., 186.
Vitale, C., 214, 216.
Vitulo, F., 186.
Voegelin, M. R., 179, 185, 229, 230.

Zacutti, A., 5.
Zamboni, M., 216, 217.
Zimbaro, G., 186.
Zito, G., 202.
Zucchelli, G. C., 19, 149, 184.